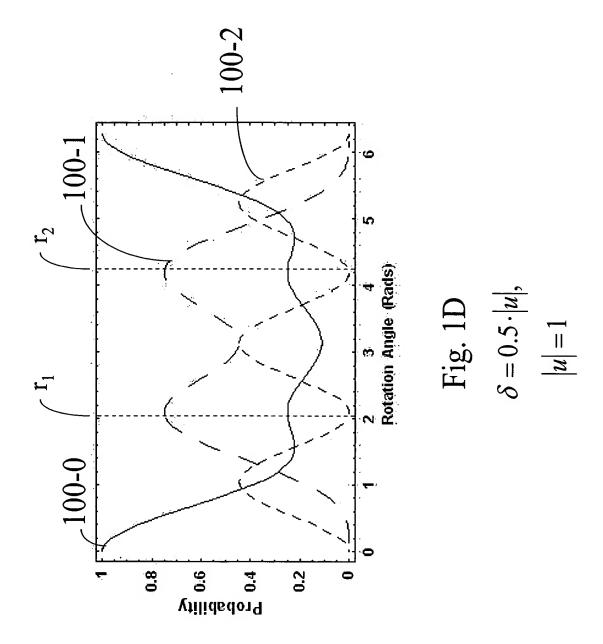
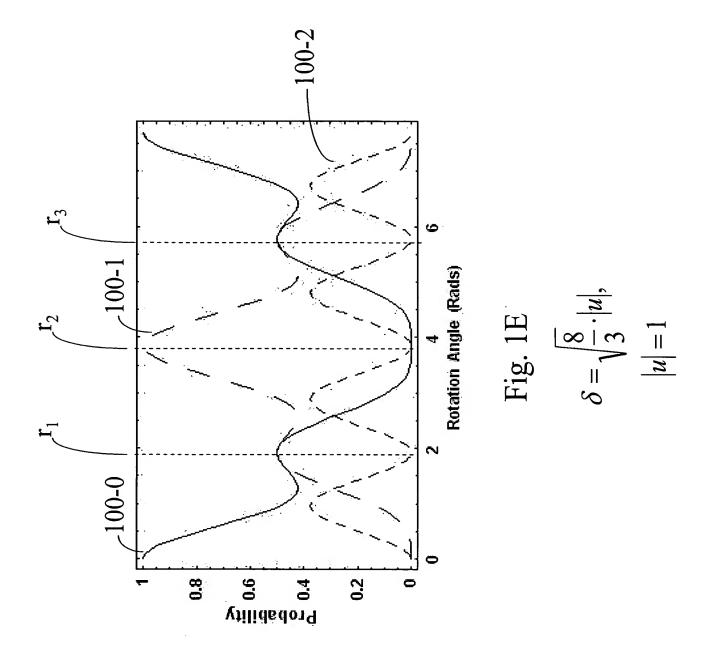


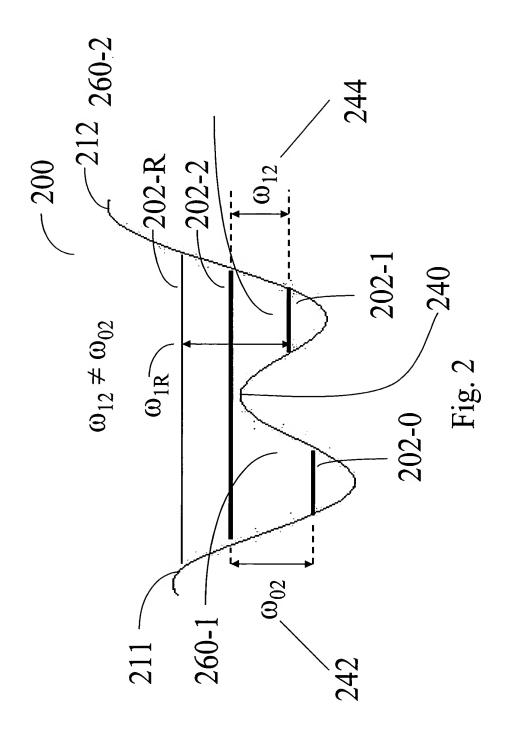
Fig. 1C

$$\delta = 0,$$

$$|u| = 1$$





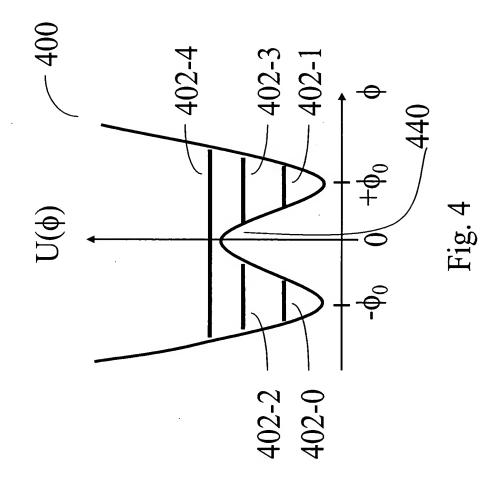


energy difference between an energy level 202-2 and a first Apply a first signal having a frequency correlated with the basis level energy (one of 202-0 or 202-1, Fig. 2) for a duration t<sub>1</sub>. -304

Apply a second signal having a frequency correlated with the energy difference between energy level 202-2 and a second basis level energy (the other of 202-0 or 202-1, Fig. 2) for a duration  $t_2$ . -306

Apply a third signal having the same characteristics as the signal applied in step 302.

Fig. 3

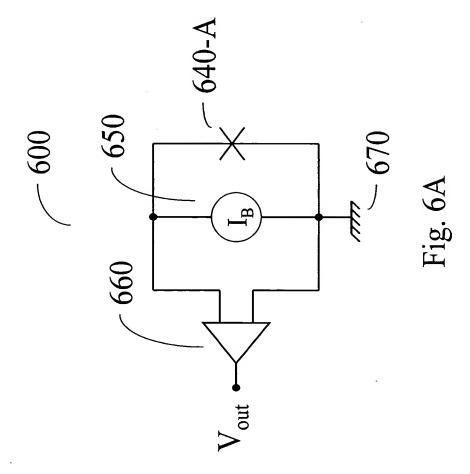


has a frequency that is correlated with the energy difference degenerate energy levels for a time period 520. The signal between the first degenerate energy pair and the second Apply a first signal to a system having two pairs of degenerate energy pair.

Discontinue the signal applied in step 502 and allow the system to evolve between basis states for a time period 530. Apply a third signal having the same characteristics as the signal applied in step 502 for a time period 540.

506

Fig. 5



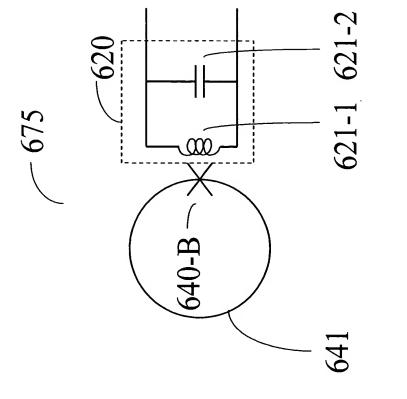
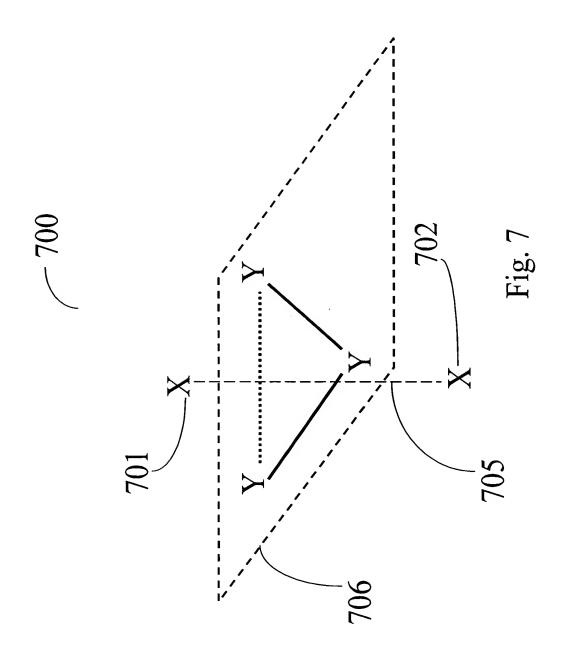
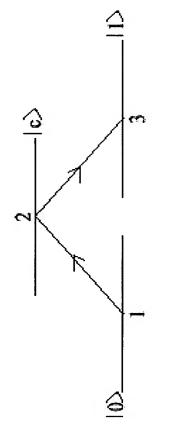


Fig. 6B





Prior Art Fig. 8